

S2 Table: Peptide sequences identified by immunoprecipitation of anti-SpA antibodies from donor P656 followed by Mass Spectrometric analysis.

Peptide Sequence	Method of Sequencing	IgG Origin
V A <u>G</u> I / <u>L</u> P A P I / L E K	<i>De novo</i> unaided Sequencing	G & L unique to IgG2 subclass
S T S <u>E</u> <u>S</u> G G A M G V I / L V K	Mascot Identified Sequence - Confirmed by <i>de novo</i> Sequencing	E & S unique to IgG2 subclass
<u>G</u> I / <u>L</u> <u>E</u> <u>W</u> <u>V</u> <u>A</u> N S N Y <u>G</u> <u>S</u> <u>N</u> <u>K</u>	Mascot Identified Sequence - Confirmed by <i>de novo</i> Sequencing	GLEWVA & GSNK unique to subfamilies VH3-30, 3-30.3, 3-30.5 and 3-3-33
<u>V</u> A T <u>V</u> <u>S</u> <u>P</u> L R	<i>De novo</i> unaided Sequencing	V, T & SPL unique to kappa subclass
<u>D</u> <u>I</u> <u>Q</u> <u>M</u> <u>T</u> <u>Q</u> <u>S</u> <u>P</u> <u>S</u> <u>S</u> <u>L</u> <u>S</u> A V <u>G</u> <u>D</u> <u>R</u>	Mascot Identified Sequence - Confirmed by <i>de novo</i> Sequencing	DIQMTQSPSSLSASVGDR unique to a subset of VKI subfamily
NOTE: Underlined text signifies residues which were unique to the identified sub-class/family		